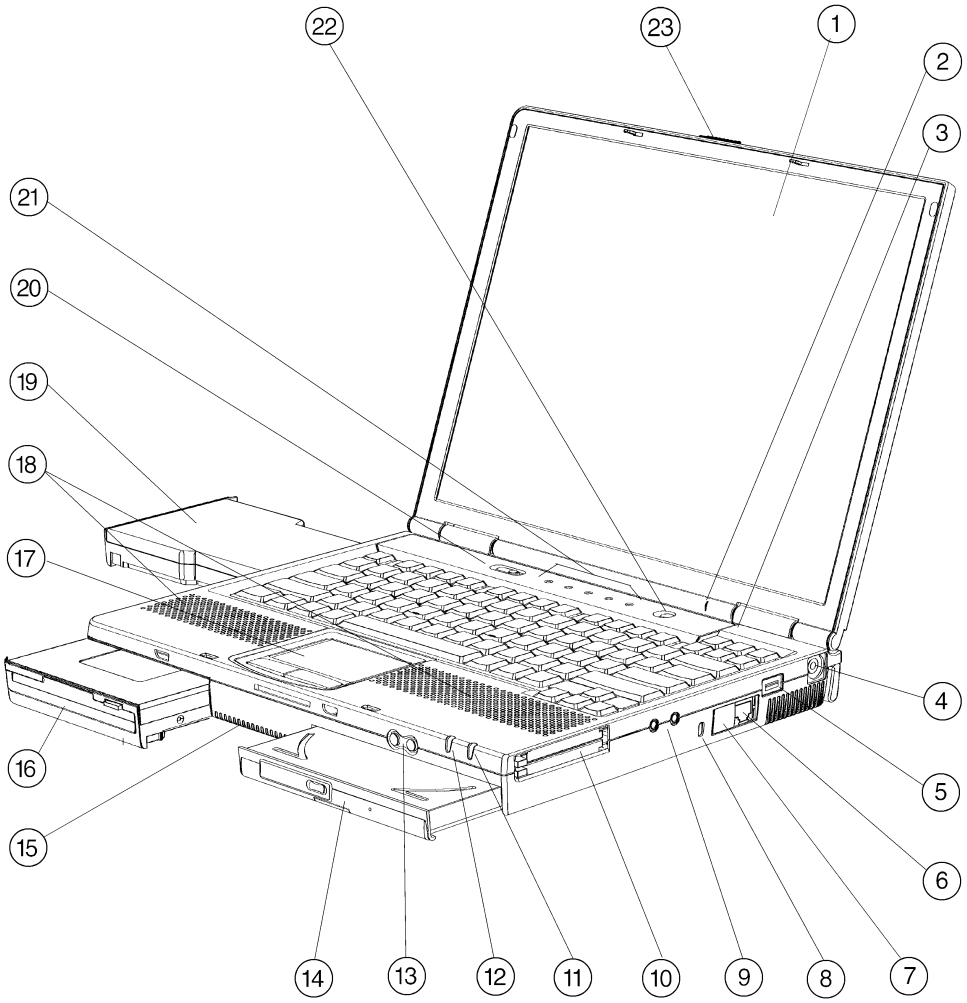
Overview

AT A GLANCE

- Intel Pentium® III processor 450 MHz or
- Intel Pentium® II processor 400 or 366 MHz
- Up to 14.1" TFT 1024 x 768 display
- All-in-One 3-spindle design
- As little as 5.8 lbs/2.6 Kg and 1.6 inches/4 cm thin
- Choice of Windows NT 4.0[1], 98 or 95/98 Dual Install[2]
- Integrated Mini PCI modem
- Full-size keyboard
- User removable hard drive
- Up to Three batteries internal
- Enterprise docking solutions
- 8 MB Video SDRAM
- Protected by a One-year, Worldwide Limited Warranty[3]



1. 14.1-in 1024 x 768 color display
2. Microphone
3. Lid Switch
4. TV/Video out (NTSC/PAL)
5. Infrared Transceiver
6. Integrated RJ-11 Jack, 56K v.90[4] mini PCI modem
7. User upgradable RJ-45 Ethernet Port
8. Cable Lock Connector
9. Microphone Jack/Headphone Jack
10. PC Card Slots (2)
11. Battery Power Light
12. AC Power Light/Standby
13. Volume control / mute
14. MultiBay (CD-ROM/ DVD-ROM/ LS-120/ LS-120 secondary hard drive/ MultiBay Battery)
15. Primary Hard Drive (under the Unit)
16. Dual Bay for floppy or second primary Battery
17. Touch Pad
18. Stereo Speakers
19. Primary Battery
20. Power Switch
21. Status LEDs
22. Suspend Button
23. Display Latch

COMPAQ "Your partner through time" 2000 Ready

Standard Features

MODELS

Windows NT Workstation 4.0
AE5 P3450T4X12D64N4
127669-xx6

AE5 P3450T4X12DM64N4
127670-xx6

AE5 P3450T4X12DM64N4N
127670-xx7

AE5 P2400T4X6D64N4
152675-xx6

AE5 P2400T4X6DM64N4
152676-xx6

AE5 P2400/T4X6DM64N4N
152676-xx7

AE5 P2366T2S4D64N4
155058-xx6

AE5 P2366T2S4DM64N4
155059-xx6

AE5 P2366T2S4D64N4N
155059-xx7

Windows 98
AE5 P3450T4X12D6498
127669-xx4

AE5 P3450T4X12DM6498
12760-xx4

AE5 P3450T4X12DM6498N
12760-xx5

AE5 P2400T4X6D6498
152675-xx4

AE5 P2366T2S4D6498
155058-xx4

Windows 95 & 98
AE5 P3450T4X12D6458
127669-xx1

AE5 P3450T4X12DM6458
127670-xx1

AE5 P3450T4X12DM6458N
127670-xx3

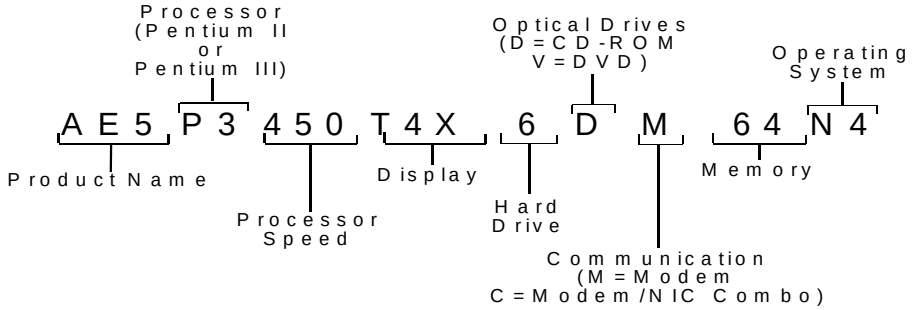
AE5 P2400T4X6D6458
152675-xx1

AE5 P2400T4X6DM6458
152676-xx1

AE5 P2400T4X6DM6458N
152676-xx3

Naming Convention

The Etymology of a Model Name:



Processor

Intel Pentium III processor 450 MHz
- AE5 P3450T4X12D6458
- AE5 P3450T4X12DM6458
- AE5 P3450T4X12DM6458N
- AE5 P3450T4X12D6498
- AE5 P3450T4X12D64N4
- AE5 P3450T4X12DM64N4
- AE5 P3450T4X12DM64N4N

Intel Pentium II processor 400 MHz
- AE5 P2400T4X6D6458
- AE5 P2400T4X6DM6458
- AE5 P2400T4X6DM6458N
- AE5 P2400T4X6DM64N4N
- AE5 P2400T4X6D6498
- AE5 P2400T4X6D64N4
- AE5 P2400T4X6DM64N4

Intel Pentium II processor 366 MHz
- AE5 P2366T2S4D64N4
- AE5 P2366T2S4DM64N4
- AE5 P2366T2S4D64N4N
- AE5 P2366T2S4D6498
- AE5 P2366T2S4D6458
- AE5 P2366T2S4DM6458
- AE5 P2366T2S4DM6458N

Standard Features

MODELS *(continued)*

Windows 95 & 98 *(continued)*
AE5 P2366T2S4D6458
155058-xx1

AE5 P2366T2S4DM6458
155059-xx1

AE5 P2366T2S4DM6458N
155059-xx3

Cache Memory

256K Integrated

Memory

Standard	64 MB 100 MHz SDRAM
Maximum	512 MB 100 MHz SDRAM

Integrated Communications

Mini-PCI v.90[4] modem
- AE5 P3450T4X12DM6458
- AE5 P3450T4X12DM6458N
- AE5 P3450T4X12DM6498
- AE5 P3450T4X12DM6498N
- AE5 P3450T4X12DM64N4
- AE5 P3450T4X6DM64N4N
- AE5 P2400T4X6DM6458
- AE5 P2400T4X6DM6458N
- AE5 P2400T4X6DM64N4
- AE5 P2366T2S4DM6458
- AE5 P2366T2S4DM6458N
- AE5 P2366T2S4DM64N4

The Armada E500 can be upgraded with a Mini-PCI v.90[4] modem or Mini-PCI v.90[4] modem / 10/100 TX NIC Combo.

Keyboard

102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, QuickLock / QuickBlank (ex: FN+F6), toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast. Integrated Euro symbol key

Pointing Device

Touchpad with integrated pick buttons / “Double Tap”

PC Card Slots

Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus[5] and 16-bit PC Cards; zoomed video support in bottom slot

Standard Features

Storage

Diskette Drives 1.44 MB

Optical Drives
- 24X Max[6] CD-ROM Drive IDE

Hard Drives

12-GB[7] SMART
- AE5 P3450T4X12D6458
- AE5 P3450T4X12DM6458
- AE5 P3450T4X12DM6458N
- AE5 P3450T4X12D6498
- AE5 P3450T4X12DM6498
- AE5 P3450T4X12DM6498N
- AE5 P3450T4X12D64N4
- AE5 P3450T4X12DM64N4
- AE5 P3450T4X12DM64N4N

6-GB[7] SMART
- AE5 P2400T4X6D6458
- AE5 P2400T4X6DM6458
- AE5 P2400T4X6DM6458N
- AE5 P2400T4X6DM64N4N
- AE5 P2400T4X6D6498
- AE5 P2400T4X6D64N4
- AE5 P2400T4X6DM64N4

4.3-GB[7] SMART
- AE5 P2366T2S4D64N4
- AE5 P2366T2S4DM64N4
- AE5 P2366T2S4D64N4N
- AE5 P2366T2S4D6498
- AE5 P2366T2S4D6458
- AE5 P2366T2S4DM6458
- AE5 P2366T2S4DM6458N

Multimedia

Compaq *Premier•Sound*™ for enhanced stereo audio
Integrated 16-bit Sound Blaster Pro-compatible stereo audio
Integrated stereo speakers and microphone
Software/hardware volume control
Headphone out jack
Microphone in jack
Software MPEG1 support
optional 4X DVD-ROM[8] with DVD movie playback software, MPEG2 Support
Internal 24X Max[6] CD-ROM Drive
RCA Composite TV-out port
2X AGP graphics
8 MB SDRAM

Standard Features

Interfaces

PC Card	Two Type II/One Type III
Enhanced Parallel EPP ECP	1
Serial	1
TV out connector	1
External Monitor	1
External Keyboard/ Pointing Device	1 Supports Y-cable in order to attach both Keyboard and Mouse simultaneously
Expansion Base	1
Headphone/Line-out	1
Microphone in	1
DC Power	1
RJ-11 (modem)	1 (Model dependent)
RJ-45 (NIC)	1 (with optional Combo Mini-PCI card)
Infrared	1 (4 Mb/s[9] support)
USB	1
LED status indicators	7

Graphics

64-bit video graphics with 8-MB SDRAM for increased color depth and graphics performance
External refresh up to 70Hz @ 1600x1200 with up to 16.7m (16 777 216) colors

Display

14.1-inch color TFT with 1024 x 768 resolution (up to 16.7M colors internal)

AE5 P3450T4X12D6458
AE5 P3450T4X12DM6458
AE5 P3450T4X12DM6458N
AE5 P3450T4X12D6498
AE5 P3450T4X12DM6498
AE5 P3450T4X12DM6498N
AE5 P3450T4X12D64N4
AE5 P3450T4X12DM64N4
AE5 P3450T4X6DM64N4N
AE5 P2400T4X6D6458
AE5 P2400T4X6DM6458
AE5 P2400T4X6DM6458N
AE5 P2400T4X6D6498
AE5 P2400T4X6D64N4
AE5 P2400T4X6DM64N4
AE5 P2400T4X6DM64N4N

12.1-inch color TFT with 800x600 resolution (up to 16.7M colors internal)

AE5 P2366T2S4D6458
AE5 P2366T2S4DM6458
AE5 P2366T2S4DM6458N
AE5 P2366T2S4D6498
AE5 P2366T2S4D64N4
AE5 P2366T2S4DM64N4
AE5 P2366T2S4D64N4N

Standard Features

Software

Windows NT Workstation 4.0
Insight Management Agents
Intelligent Manageability
Security 32
Diagnostics for Windows NT
Compaq Power Management
Online Safety and Comfort Guide
Reference Guide
Acrobat Reader
- AE5 P3450T4X12D64N4
- AE5 P3450T4X12DM64N4
- AE5 P3450T4X12DM64N4N
- AE5 P2400T4X6D64N4
- AE5 P2400T4X6DM64N4
- AE5 P2400T4X6DM64N4N
- AE5 P2366T2S4D64N4
- AE5 P2366T2S4DM64N4
- AE5 P2366T2S4D64N4N

Windows 98
Insight Management Agents
Intelligent Manageability
Security 32
Diagnostics for Windows 98
Compaq Power Management
Online Safety and Comfort Guide
Reference Guide
Acrobat Reader
- AE5 P3450T4X12D6498
- AE5 P3450T4X12DM6498
- AE5 P3450T4X12DM6498N
- AE5 P2400T4X6D6498
- AE5 P2366T2S4D6498

Windows 98/95 (Dual Install[2])
Insight Management Agents
Intelligent Manageability
Security 32
Diagnostics for Windows 95& 98
Compaq Power Management
Online Safety and Comfort Guide
Reference Guide
Acrobat Reader
- AE5 P3450T4X12D6458
- AE5 P3450T4X12DM6458
- AE5 P3450T4X12DM6458N
- AE5 P2400T4X6D6458
- AE5 P2400T4X6DM6458
- AE5 P2400T4X6DM6458N
- AE5 P2366T2S4D6458
- AE5 P2366T2S4DM6458
- AE5 P2366T2S4DM6458N

OS Support

Windows NT Workstation 4.0
Windows 98
Windows 95
And Future Windows OS

Backup

Each unit is shipped with a CD for Quick recovery (erases everything and install the OS like new) or software recovery (install only selected standard software)

Intelligent Manageability

Lowers total cost of ownership by providing enhanced security, asset management, fault prediction with SMART drives

Standard Features

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Setup Password
Power-On Password
DriveLock
QuickLock
QuickBlank

Power Supply

External AC adapter; 4-foot power cord included. Total length including External AC adapter is 10 feet (3 Meters)

Battery[10]

9-cell Li-Ion battery is provided. Battery life of the 400 MHz model using the 9-cell battery is over 3.5 hours, based on standard configuration used. Battery life using additional 9-cell battery in Dualbay is up to 8 hours. Maximum battery life up to 10 hours using a 9-cell battery in the Primary and Dualbay along with a 6-Cell battery in the MultiBay.

Power Conservation

Hibernation
Instant-On via Standby
Pop-ups with three presets
One custom level of power conservation
ACPI compliant

MultiBay Devices

Under Windows 9.x and NT4.0
Supports Hot Swapping : CD-ROM, DVD-ROM, LS-120, MultiBay Battery
Need to Reboot : Secondary Hard Drive

DualBay Devices

Under Windows 9.x and NT4.0
Supports Hot Swapping : Floppy, Primary battery

Service and Support

Compaq Services includes a One-year, Worldwide Limited Warranty[3], pick-up or carry-in, upgrade to on-site warranty or additional two year warranty available; toll-free 7 x 24 hardware technical phone support.

Options

Memory

256-MB Memory Upgrade	161554-B21
128-MB Memory Upgrade	400313-B21
64-MB Memory Upgrade	400312-B21
32-MB Memory Upgrade	400311-B21

Monitors[11]

TFT8000 Flat Panel	307906-001
TFT5000 Flat Panel	325700-001
P1610 Color	305708-001
P1100 Color[12]	325606-001
P900 Color	386326-001
P700 Color	380207-001
P110 Color[12]	284956-001
P75 Color	307806-001
V1100 Color	386472-001
V1000 Color	351757-001
V900 Color	303500-001
V75 Color	307710-001
V500 Color	325900-001
S910 Color	138485-001
S900 Color	360562-001
S710 Color	152991-001
S700 Color	360512-001

Hard Drives

12-GB[7] SMART II	163531-B25

For Armada E500 and Armada V300 as primary drive the Hard drive is shipped with a MultiBay adapter and can be used as secondary drive for transfer or backup.

Storage Devices

SuperDisk LS-120	296502-B25
24X Max[6] CD-ROM	298452-B25
DVD Drive 4X[8]	118103-B21

PC Cards

Compaq M420 56K[4] Global Modem	317900-001
10/100 TX PC Card UTP Controller	335506-B21
10 T PC Card UTP Controller	292806-B21
10 2 PC Card Coax Controller	292807-B21
10/100 TX PC Card UTP Upgrade	292813-B21
Margi DVD-to-Go PC Card	202861-B21
16/4 Token Ring PC Card IBM UTP/STP	301208-B21

For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq website at: http://www.compaq.com/support/techpubs/pcmcia/pccardlist.html

Communications/Integrated mini PCI Type II

Compaq V.90[4] Global Modem	149374-B31
10/100 TX UTP & V.90[4] Global Modem (NA)	149373-001
10/100 TX UTP & V.90[4] Global Modem	149373-B31

Expansion Bases

ArmadaStation EM	383500-xx1
ArmadaStation EM With Intel NIC	120266-xx1
ArmadaStation EM With 3Com NIC	120264-xx1
ArmadaStation Tower Stand	123129-B25
Convenience Base EM	382500-xx1
Convenience Base EM With Intel NIC	120971-xx1
Convenience Base EM With 3Com NIC	120970-xx1
Convenience Base Monitor Cover	122931-xx1
Port Replicator EM	382300-xx1
PCI IBM Token Ring Card	133749-B21
PCI Cardbus Reader	127397-B25

For ArmadaStation EM and Convenience Base EM

Power

Primary Battery (9-cells)	146252-B25

For Armada E500 and Armada V300, can also be use a second battery in the E500 DualBay.

MultiBay Battery (6Cells)	387937-B25
External Battery Charger	135555-xxx
AC Adapter 50W	120765-xxx
Auto Charger	386504-B21
Air Adapter	386504-B21
AC Line Cord (10-ft)	217932-xx2

Input Devices

External Enhanced III Keyboard (Carbon)	118003-xx8
External Enhanced III Keyboard (Beach Gray)	110562-001
External Enhanced III Keyboard (Opal)	294343-001
Compaq Mouse (Beach Gray)	143315-001
Compaq Mouse (Opal)	143315-B21
Compaq Mouse (Carbon)	103180-01/B21
Intellimouse (Opal)	294306-B21
Numeric Keypad (Carbon)	294317-B21

Useful Accessories

Security Lock	294316-B21
Security Lock with common key order	294316-B22
Armada Headset with microphone	220460-001
MP1600 Microportable Projector	386202-xx1

Options

Carrying Cases

Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Executive Case	294269-B21
Compaq Professional Nylon Case	401366-B21
Compaq Professional Leather Case	401367-B21

Memory

Compaq Armada E500

STANDARD MEMORY

64 MB 100 MHz SDRAM installed in 1 slot

Up To	Slot 1	Slot 2
64 MB	64 MB	Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 320 MB of SDRAM is available with the installation of an optional Memory Upgrade.

Up To	Slot 1	Slot 2
96 MB	64 MB	32 MB
128 MB	64 MB	64 MB
192 MB	64 MB	128 MB
320 MB	64 MB	256 MB

OPTIONAL MEMORY

Support for up to 512 MB of SDRAM memory is available with the removal of the standard 64 MB SDRAM Memory Upgrade and the installation of optional SDRAM Memory Kits.

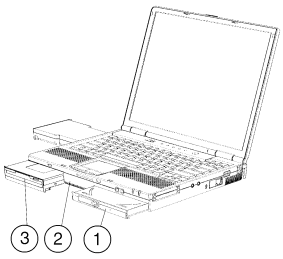
Up To	Slot 1	Slot 2
160 MB	128 MB	32 MB
192 MB	128 MB	64 MB
256 MB	128 MB	128 MB
512 MB	128 MB	256 MB

Note: Because one memory slot is occupied on these products, the 64 MB SDRAM Memory (which ships standard) must be removed to reach the maximum memory of 512 MB. This chart does not represent all possible memory configurations.

Following are memory options available from Compaq:

- 256-MB 100 MHz Memory Upgrade 161554-B21
- 128-MB 100 MHz Memory Upgrade 400313-B21
- 64-MB 100 MHz Memory Upgrade 400312-B21
- 32-MB 100 MHz Memory Upgrade 400311-B21

Storage



1 MultiBay
2 Primary Hard Drive
3 Dual Bay

DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	Dualbay
24X Max[6] CD-ROM Drive	1	MultiBay
DVD-ROM[8]	1	MultiBay
SuperDisk LS-120	1	MultiBay
Hard Drives		
12-GB[7] SMART Hard Drive	2	Dedicated hard drive bay and MultiBay
6-GB[7] SMART Hard Drive	2	Dedicated hard drive bay and Multibay
4.3-GB[7] SMART Hard Drive	2	Dedicated hard drive bay and Multibay

Technical Specifications

System Unit

Dimensions (HxWxD)	12.4 x 9.99 x 1.6 in/31.5 x 25.3 x 4.1 cm
Weight	
450 and 400 MHz	6.0 to 7.0 lbs/2.72 to 3.17 kg
366 MHz	5.8 to 6.8 lbs/2.63 to 3.08 kg
Stand-Alone Power Requirements	
Nominal Operating Voltage (Li-Ion)	10.8V
Average Operating Power	15W avg.
Peak Operating Power	30W peak
Power Supply	
Rated Input Voltage	90 to 264 VAC (auto-switching)
Rated Input Current	< 60W
Rated Frequency	47 to 63 Hz
Temperature	
Operating	50° to 98°F/10° to 35°C
Non-operating	–4° to 140°F /–20° to 60°C
Relative Humidity (non-condensing)	
Operating	10% to 90% relative humidity, non-condensing
Non-operating	5% to 95% relative humidity, 101.6°F/38.7°C Maximum wetbulb temperature
Shock	
Operating	10 G, 11 ms, half-sine
Non-operating	240 G, 2 ms, half-sine
Vibration	
Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min
Non-operating	1.5 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min
Maximum Altitude (unpressurized)	
Operating	0 to 10,000 ft/(0 to 3048 m)
Non-operating	0 to 30,000 ft/(0 to 9144 m)

14.1-Inch Color TFT XGA Display

Viewable Dimensions (HxW)	11.22 x 8.46 in/28.5 x 21.5 cm
Diagonal Size	14.1 in/35.81 cm
Number of Colors	Up to 16.8M
Contrast Ratio	150:1
Brightness	120nt min, 150nt typ
Pixel Resolution	
Pitch	0.264 x 0.264 mm
Format	1024 x 768
Configuration	RGB stripe
Backlight	Edge Lit
Total Power Consumption	4.2W

Technical Specifications

12.1-Inch Color TFT SVGA Display

Dimensions (HxW)	9.7 x 7.24 in/24.6 x 18.4 cm
Diagonal Size	12.1 in/30.7 cm
Mounting	Internal Panel Support
Number of Colors	Up to 16.8M
Contrast Ratio	150:1
Brightness	120nt min, 150nt typ
Pixel Resolution	
Pitch	0.30 x 0.30 mm
Format	800 x 600
Configuration	RGB Stripe
Backlight	Edge Lit
Total Power Consumption	3.5W

Hard Drives

12 GB[7]	**Capacity**	12 GB[7]	**Seek Time** (typical reads, including settling)	
	Height	0.5 in/12.5 mm	Single Track	3 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Max	24 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Logical Configuration**	
			Bytes/sector	512
	Security	SMART&DriveLock	Logical Blocks	~ 23,579,136
6 GB[7]	**Capacity**	6 GB[7]	**Seek Time** (typical reads, including settling)	
	Height	0.4 in/9.5 mm	Single Track	4 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Max	24 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Logical Configuration**	
			Bytes/sector	512
	Security	SMART&DriveLock	Logical Blocks	~ 11,732,421
4.3 GB[7]	**Capacity**	4.3 GB[7]	**Seek Time** (typical reads, including settling)	
	Height	0.4 in/9.5 mm	Single Track	3 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Max	25 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Logical Configuration**	
			Bytes/sector	512
	Security	SMART&DriveLock	Logical Blocks	~ 8,437,500

Technical Specifications

Diskette Drive	**Diskette Size**	3.5 in
	Light	On system
	Height	0.5 in/12.7 mm
	Bytes per Sector	512
	Sectors per track	
	High density	18 (1.44 MB)/15 (1.2 MB)
	Low density	9
	Tracks per side	
	High density	80 (1.44 MB)/80 (1.2 MB)
	Low density	80
	Read/Write heads	2
	Access Times	
	Track-to track (high/low)	3 ms/6 ms
	Average (high/low)	94 ms/174 ms
	Settling time	15 ms
	Latency average	100 ms
External AC Adapter	**Dimensions** (HxWxL)	1.15 x 2.375 x 1.4in/2.92 x 6.03 x 3.6 cm
	Weight	0.66 lb/0.3 kg
	Power Supply (Input)	
	Operating Voltage	90 to 260 VAC RMS
	Operating Current	1.1 A RMS
	Operating Frequency Range	47 to 63 Hz AC
	Maximum Transient	4/50 kV
Li-Ion Battery Pack[10] (9-cell)	**Dimensions** (HxWxL)	0.84 x 3.8 x 5.6 in/2.1 x 9.5 x 14.2 cm
	Weight	1.0 Lb/0.455 kg
	Energy	
	Voltage	10.8 V
	Amp-hour capacity	4.8 Ah
	Watt-hour capacity	52 Wh
	Temperature	
	Operating	50° to95°F/10° to 35°C
	Non-operating	–12° to 140°F/–25° to 60°C

Compaq 56K (V.90)[4] **plus Intel PRO/100+ Mini PCI**

Form Factor	Mini-PCI Type 1B and 2B per Specification
OS Support (with all released Service Packs)	Windows 95 (OSR2.x), Windows 98 (Gold, SE) Windows NT4.0, Windows 2000, DOS Application Support under Windows
Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Windows NT
Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
Modem Device Driver Name	Compaq 56K (V.90) Mini PCI
Data Mode Capabilities	V.90 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) Optional symbol rates: 2800, 3429 Asymmertric Symbol rates Synchronous primary channel data signaling rates: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control :+IPR, +ICF, +IFC, + Iirr Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Technical Specifications

Intel PRO/100+ Mini PCI

Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10Base T 100 Mbps Ethernet: IEEE 802.3u standard 100Base TX Full Duplex at 10 and 100Mbps Auto-Negotiation Wake on LAN from all power managed states, including soft off (S5) Boot on LAN from OFF Lower Power State on Link Loss
Data Link Layers	IEEE 802.2 LLC SNAP
Software support	Artisoft Lantastic 7.0, 8.0, Dedicated Server 1.1 Banyan 7.x, 8.5x IBM LAN Server Version 1.2, 1.3, 2.0, 4.0 Microsoft NT 3.51, NT 4.0. Windows 2000 Novell Netware 3.1x, 4.x, 5.x
Protocol support	TCP/IP Novell IPX/SPX and Microsoft compatible Novel IPX ODI Microsoft NetBEUI Sun Microsystems PC-NFS Banyan Vines Ethernet IBM DLC

24X Max[6] CD-ROM Drive

Applicable Disc	CD-ROM (Mode 1, 2 and 3), CD-XA ready (Mode 2, Form 1 and 2), CD-I ready (Mode 2, Form 1 and 2), CD-R (read only), CD Plus, Photo CD (Single and Multi-session), CD-Extra, Video CD, CD-WO (fixed packets only), CD-Bridge
Center Hole Diameter	0.59 in/15 mm
Disc Diameter	12 cm, 8 cm
Disc Thickness	1.2 mm
Track Pitch	1.6 µm
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 300 ms
Cache Buffer	128 KB
Data Transfer Rate (typical, including settling)	
Sustained (16X)	2400 KB/s (150 KB/s at 1X)
Variable	1,500 to 3,600 KB/s (10X to 24X)
Normal PIO Mode 4 (single burst)	16.66 MB/s
Start-up Time	< 8 sec
Stop Time	<4 sec

Technical Specifications

4X Max[8] DVD-ROM Drive

Center Hole Diameter	0.59 in/0.39 cm
Disc Diameter	12 cm/8 cm
Disc Thickness	1.2 mm
Track Pitch	0.74 µm
Access Times (typical reads, including settling)	
Random	<150 ms
Full-Stroke	<225 ms
Cache Buffer	128 KB/s (minimum)
Data Transfer Rate (typical, including settling)	
Sustained (16X CD rate)	2400 KB/s (150 KB/s at 1X CD rate)
Sustained 4X DVD	5,520 KB/s (1380 KB/s at 1X DVD rate)
Normal PIO Mode 4 (single burst)	16.6 MB/s
Start Time	<15 sec
Stop Time	<6 sec

[1] Customers who purchased units preinstalled with Windows NT Workstation 4.0 are eligible to participate in a program providing a free upgrade to Windows 2000 at time of Microsoft announcement. Please review the "Read This First" card in product box or refer to www.compaq.com/microsoft/windows2000 <http://www.compaq.com/microsoft/windows2000> for the order form and additional information

[2] End user must make a one-time selection between Windows 95 and Windows 98. If end user desires rejected product(s) after selection is made, end user must acquire and pay for rejected product(s) separately.

[3] Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

[4] Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem only supports Windows 9.x and Windows NT 4.0.

[5] Full support in Windows 9.x.

[6] Data transfer rates will vary from 150 KB/s to 3,600 KB/s.

[7] For Hard Drives, GB = Billion Bytes.

[8] Data transfer rates will vary up to 5520KB/s

[9] IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.

[10] Actual results may vary with individual usage. When tested in standard configuration, using Ziff-Davis BatteryMark Test version 3.0, the battery life of the Armada E500 will range up to 3.8 hours. Stanadard configuration at time of announcement (10/25/99) is considered to be on battery, a 1024 x 768 x 16 bit color panel set at 50% brightness, Win98, 64 MB RAM, 6 GB HDD and no other drives other than the hard drive active.

[11] AssetControl monitor. AssetControl features are accessible with Compaq desktops featuring Intelligent Manageability.

[12] May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.